The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Thomas S. Burack, Commissioner

AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS

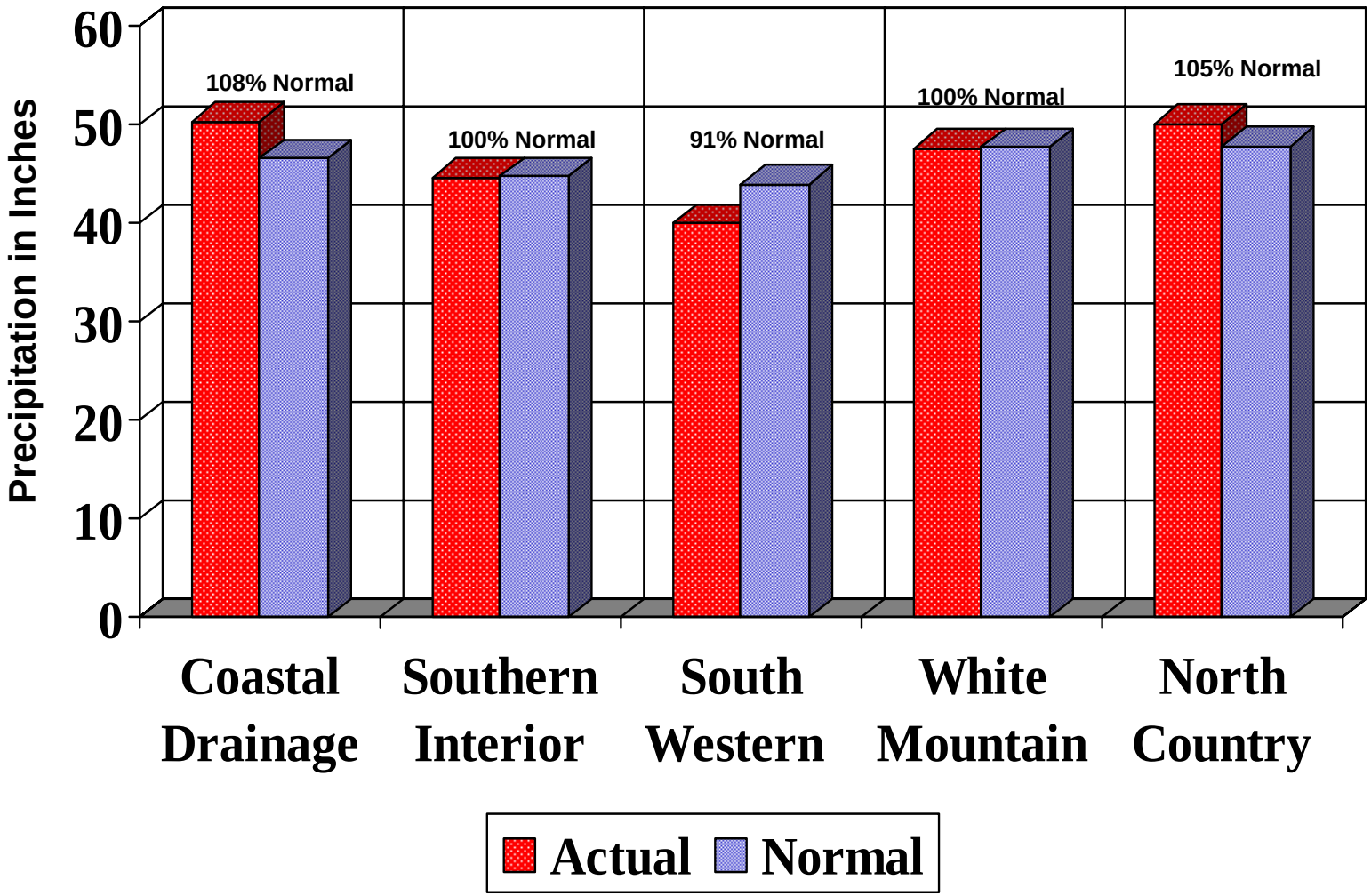
	Actual Rainfall (inches)	Normal Rainfall (inches)	Deviation from Normal (inches)	Percent of Normal
Coastal Drainage: Rockingham, Strafford counties				
four month	16.55	16.55	0.01	100%
six month	22.12	23.93	-1.82	92%
nine month	35.15	35.11	0.04	100%
twelve month	50.32	46.53	3.80	108%
Southern Interior: Belknap, Hillsborough, Merrimack counties				
four month	15.27	15.31	-0.04	100%
six month	20.17	22.69	-2.52	89%
nine month	31.58	34.13	-2.55	93%
twelve month	44.65	44.69	-0.04	100%
South Western: Cheshire, Sullivan counties				
four month	14.12	14.42	-0.31	98%
six month	18.91	22.01	-3.11	86%
nine month	29.86	33.74	-3.89	88%
twelve month	40.00	43.99	-3.99	91%
White Mountain: Carroll, Grafton counties				
four month	16.91	16.19	0.72	104%
six month	23.63	24.47	-0.85	97%
nine month	36.03	37.07	-1.04	97%
twelve month	47.60	47.72	-0.12	100%
North Country: Coos county				
four month	16.77	15.73	1.04	107%
six month	24.95	24.68	0.27	101%
nine month	37.33	37.96	-0.63	98%
twelve month	50.12	47.86	2.26	105%

four month period : October 2007 - January 2008
six month period : August 2007 - January 2008
nine month period : May 2007 - January 2008
twelve month period: February 2007 - January 2008

Source: Northeast River Forecast Center, NH Des Dam Bureau

DES Web site: www.des.nh.gov
P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-3406 • Fax: (603) 271-7894 • TDD Access: Relay NH 1-800-735-2964

TWELVE MONTH AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS from February 2007 through January 2008



NH DES Dam Bureau, Northeast River Forecast Center

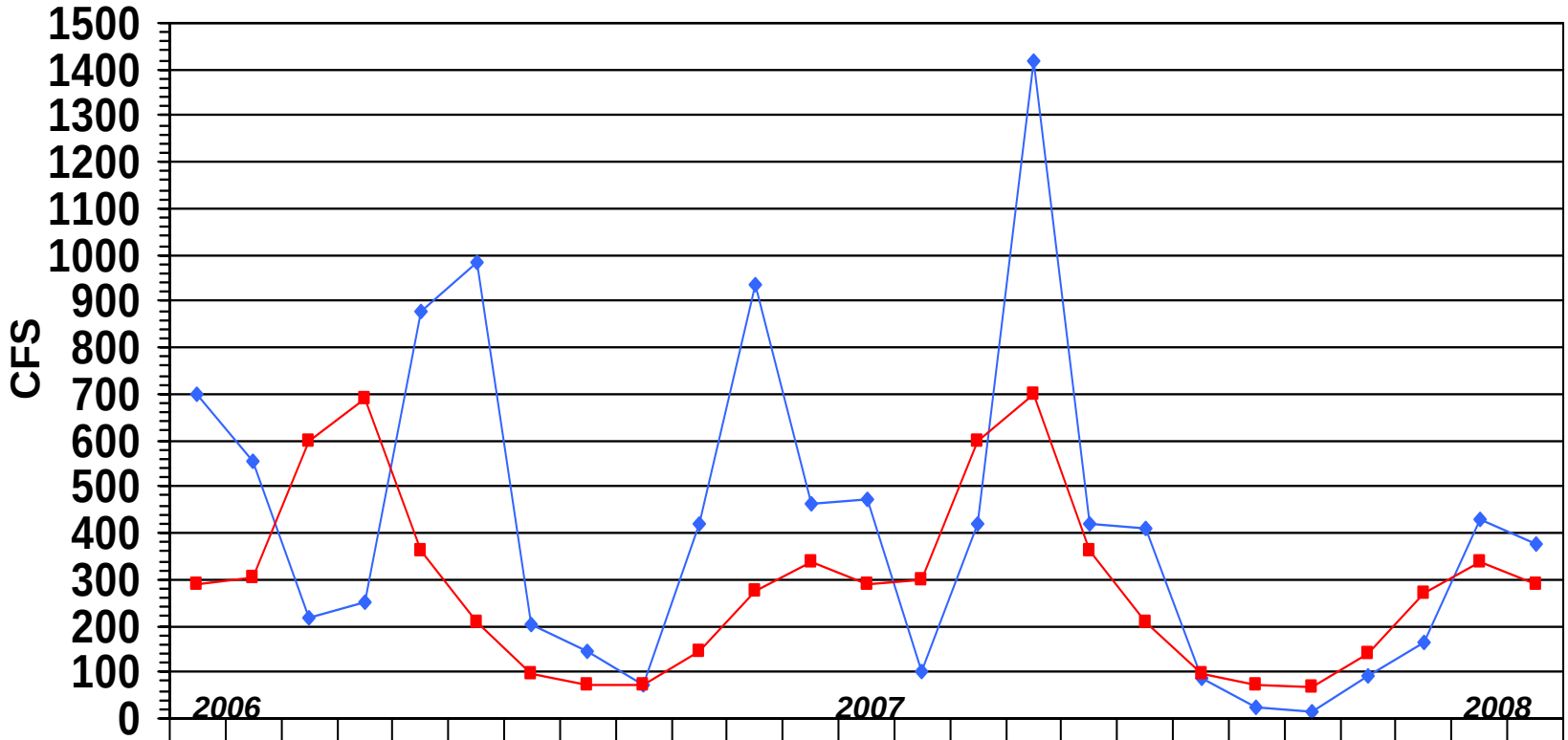
MONTHLY PRECIPITATION DATA FOR N.H COUNTIES

		2007 FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	2008 JAN
Coastal drainage													
STRAFFORD	actual	1.59	3.94	9.98	3.39	3.14	7.11	2.44	4.34	4.91	4.41	4.94	3.25
	normal	3.12	4.02	4.39	3.88	3.77	3.75	3.69	3.77	4.39	4.71	3.99	3.68
	deviation	-1.53	-0.08	5.59	-0.49	-0.63	3.36	-1.25	0.57	0.52	-0.30	0.95	-0.43
ROCKINGHAM	actual	1.54	4.37	8.92	3.95	3.33	5.15	1.47	2.88	4.42	3.77	4.69	2.71
	normal	3.32	3.86	4.12	3.69	3.68	3.59	3.55	3.76	4.20	4.42	3.93	3.77
	deviation	-1.78	0.51	4.80	0.26	-0.35	1.56	-2.08	-0.88	0.22	-0.65	0.76	-1.06
Average	actual	1.57	4.16	9.45	3.67	3.24	6.13	1.96	3.61	4.67	4.09	4.82	2.98
	normal	3.22	3.94	4.26	3.79	3.73	3.67	3.62	3.77	4.30	4.57	3.96	3.73
	deviation	-1.66	0.22	5.20	-0.12	-0.49	2.46	-1.67	-0.16	0.37	-0.48	0.86	-0.75
Southern Interior													
HILLSBOROUGH	actual	1.54	4.17	8.09	3.96	3.18	5.33	0.93	3.30	4.36	3.32	4.50	2.48
	normal	3.60	3.88	3.89	3.81	3.75	3.75	3.78	3.67	4.16	4.18	3.84	3.80
	deviation	-2.06	0.29	4.20	0.15	-0.57	1.58	-2.85	-0.37	0.20	-0.86	0.66	-1.32
MERRIMACK	actual	1.45	3.95	8.53	3.59	2.68	4.83	1.71	3.33	4.59	3.80	5.64	2.71
	normal	3.16	3.51	3.66	3.84	3.66	3.81	3.78	3.52	3.97	3.97	3.56	3.49
	deviation	-1.71	0.44	4.87	-0.25	-0.98	1.02	-2.07	-0.19	0.62	-0.17	2.08	-0.78
BELKNAP	actual	1.15	2.84	7.49	2.79	2.47	5.40	2.03	3.39	3.82	4.11	4.28	2.21
	normal	2.92	3.42	3.66	3.82	3.79	4.08	3.84	3.55	4.00	3.94	3.50	3.52
	deviation	-1.77	-0.58	3.83	-1.03	-1.32	1.32	-1.81	-0.16	-0.18	0.17	0.78	-1.31
Average	actual	1.38	3.65	8.04	3.45	2.78	5.19	1.56	3.34	4.26	3.74	4.81	2.47
	normal	3.23	3.60	3.74	3.82	3.73	3.88	3.80	3.58	4.04	4.03	3.63	3.60
	deviation	-1.85	0.05	4.30	-0.38	-0.96	1.31	-2.24	-0.24	0.21	-0.29	1.17	-1.14
South Western													
CHESHIRE	actual	1.22	2.77	5.49	2.66	2.94	4.49	1.52	3.20	4.17	3.34	3.78	1.80
	normal	3.28	3.60	3.64	3.97	3.81	4.03	4.05	3.57	3.82	3.80	3.51	3.64
	deviation	-2.06	-0.83	1.85	-1.31	-0.87	0.46	-2.53	-0.37	0.35	-0.46	0.27	-1.84
SULLIVAN	actual	1.64	2.94	6.23	3.02	3.29	5.50	1.77	3.09	5.23	3.58	4.27	2.06
	normal	3.12	3.33	3.52	3.90	3.75	4.00	3.93	3.63	3.87	3.67	3.26	3.27
	deviation	-1.48	-0.39	2.71	-0.88	-0.46	1.50	-2.16	-0.54	1.36	-0.09	1.01	-1.21
Average	actual	1.43	2.86	5.86	2.84	3.12	5.00	1.65	3.15	4.70	3.46	4.03	1.93
	normal	3.20	3.47	3.58	3.94	3.78	4.02	3.99	3.60	3.85	3.74	3.39	3.46
	deviation	-1.77	-0.61	2.28	-1.10	-0.67	0.98	-2.35	-0.46	0.86	-0.28	0.64	-1.53
White Mountain													
GRAFTON	actual	2.18	3.29	5.13	3.24	3.08	5.67	3.41	3.69	5.60	4.47	4.31	1.84
	normal	2.92	3.60	3.73	4.01	4.26	4.34	4.42	4.05	4.19	4.21	3.66	3.64
	deviation	-0.74	-0.31	1.40	-0.77	-1.18	1.33	-1.01	-0.36	1.41	0.26	0.65	-1.80
CARROLL	actual	1.58	2.86	8.10	3.24	3.23	6.35	3.15	3.18	4.82	5.35	4.96	2.47
	normal	3.00	4.01	4.05	4.19	4.14	4.25	4.21	3.88	4.37	4.33	3.97	4.01
	deviation	-1.42	-1.15	4.05	-0.95	-0.91	2.10	-1.06	-0.70	0.45	1.02	0.99	-1.54
Average	actual	1.88	3.08	6.62	3.24	3.16	6.01	3.28	3.44	5.21	4.91	4.64	2.16
	normal	2.96	3.81	3.89	4.10	4.20	4.30	4.32	3.97	4.28	4.27	3.82	3.83
	deviation	-1.08	-0.73	2.73	-0.86	-1.05	1.72	-1.04	-0.53	0.93	0.64	0.82	-1.67
North Country													
COOS	actual	2.58	3.63	6.58	4.25	3.50	4.63	4.88	3.30	5.26	5.46	4.16	1.89
	normal	2.72	3.57	3.61	4.14	4.61	4.53	4.70	4.25	4.13	4.24	3.75	3.61
	deviation	-0.14	0.06	2.97	0.11	-1.11	0.10	0.18	-0.95	1.13	1.22	0.41	-1.72

Source: Northeast River Forecast Center, NH DES Dam Bureau

LAMPREY RIVER near NEWMARKET NH
Gage# 01073500

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



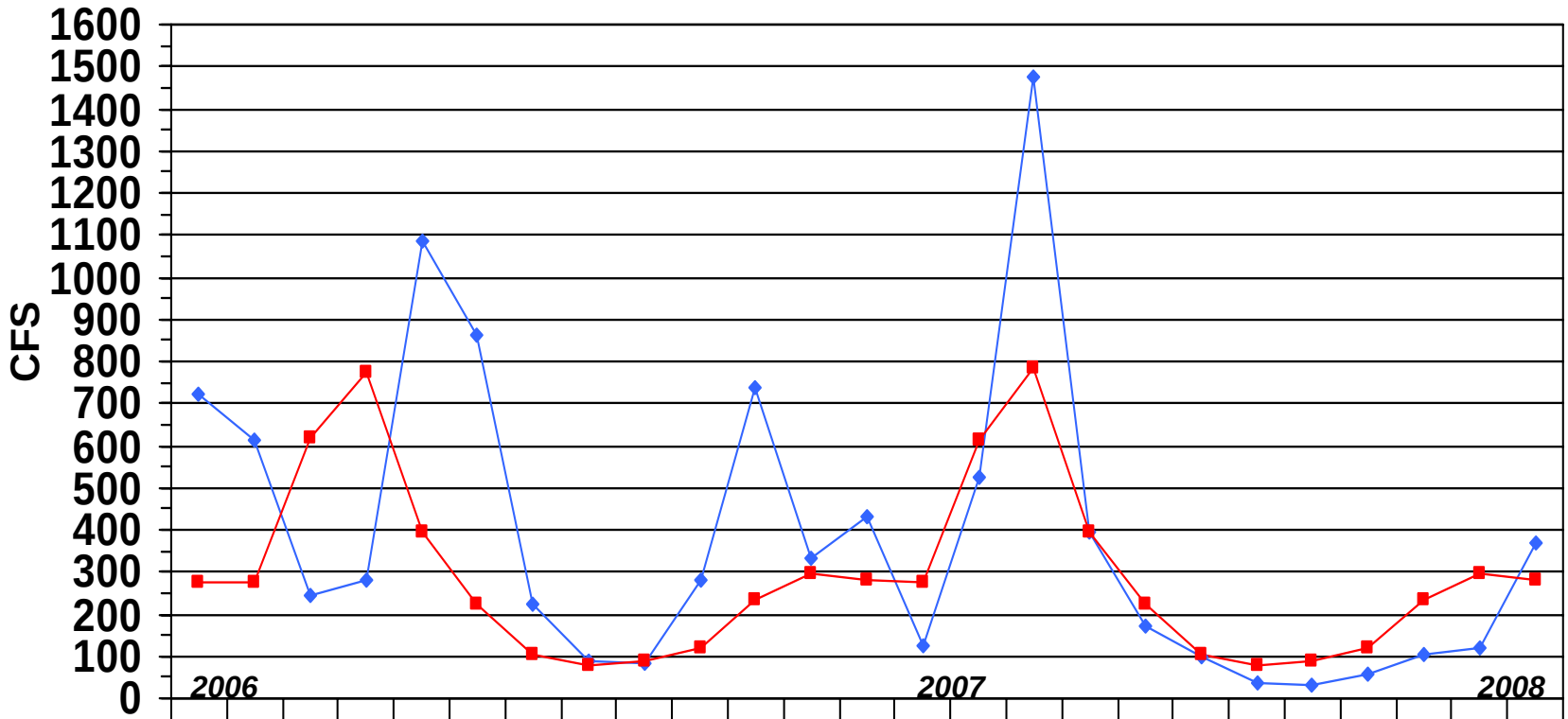
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan
Monthly Mean Flow	700	555	217	252	876	982	201	146	73	419	935	462	475	100	422	1418	422	409	89	24	13	91	164	427	377
Mean of Monthly Flows	288	304	598	690	363	206	95	71	70	143	274	338	290	301	596	700	363	209	95	70	69	142	272	340	291
% of Normal	243%	183%	36%	37%	241%	477%	212%	206%	104%	293%	341%	137%	164%	33%	71%	203%	116%	195%	93%	34%	19%	64%	60%	126%	129%

NH DES, Dam Bureau, Source: USGS

Start of record 1934

SOUHEGAN RIVER at MERRIMACK NH
Gage# 01094000

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



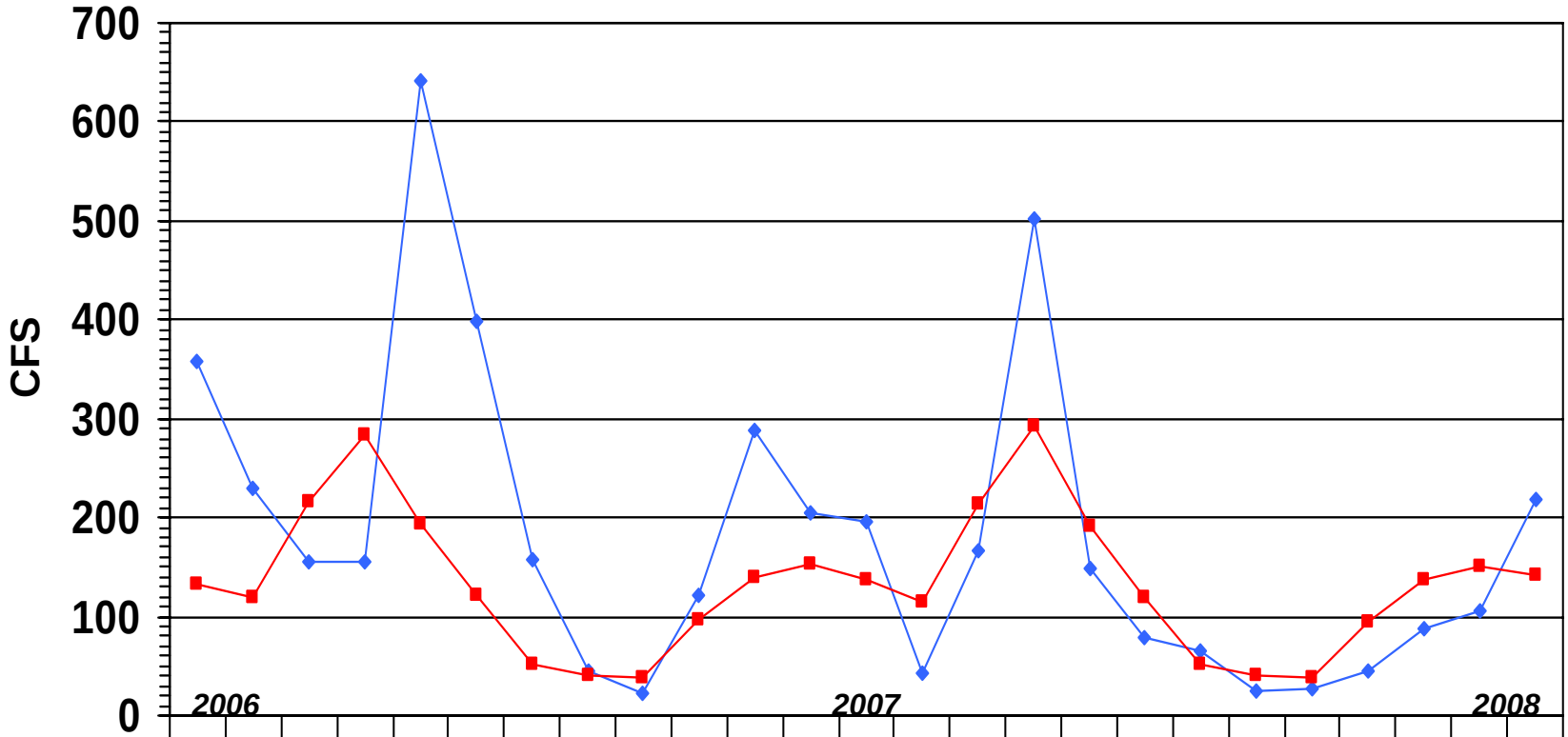
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan
Monthly Mean Flow	721	611	244	281	1085	860	223	90	84	278	738	330	429	127	524	1474	397	171	98	34	33	58	105	118	369
Mean of Monthly Flows	276	275	616	773	395	224	103	78	88	120	235	296	278	273	615	782	395	223	103	77	88	119	234	294	280
% of Normal	261%	222%	40%	35%	275%	384%	217%	115%	95%	232%	314%	111%	154%	46%	85%	188%	100%	77%	95%	44%	38%	48%	45%	40%	132%

NH DES, Dam Bureau, Source: USGS

Start of record 1909

SOUCOOK RIVER at PEMBROKE ROAD
near CONCORD NH, Gage# 01089100

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



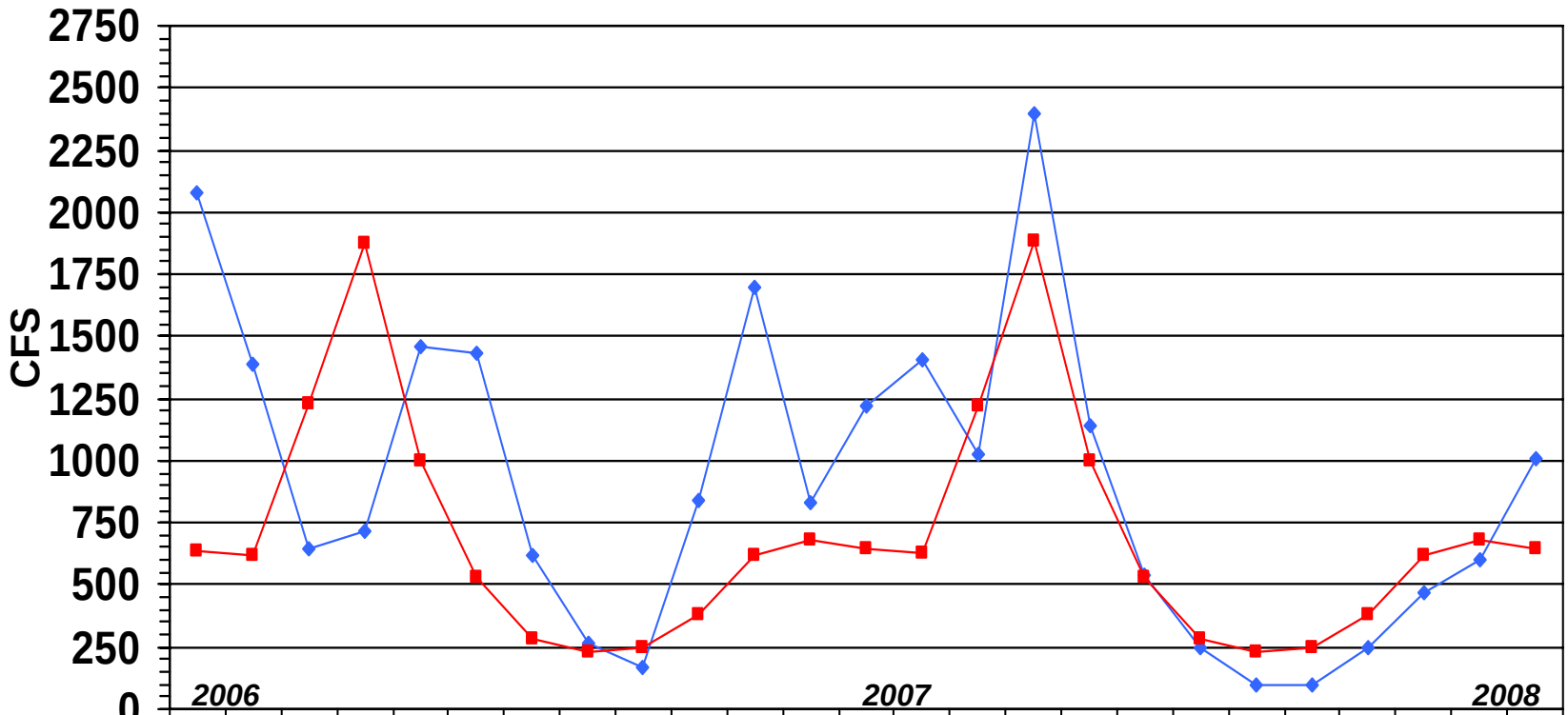
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan
Monthly Mean Flow	359	229	155	155	642	399	157	44	23	122	289	204	195	42	166	501	148	78	66	25	26	45	87	105	219
Mean of Monthly Flows	133	119	216	283	194	122	51	41	38	96	140	153	137	115	213	293	192	119	51	40	38	94	137	150	141
% of Normal	270%	192%	72%	55%	331%	327%	308%	107%	61%	127%	206%	133%	142%	37%	78%	171%	77%	66%	129%	62%	68%	48%	64%	70%	155%

NH DES, Dam Bureau, Source: USGS

Start of record 1988

ASHUELOT RIVER at HINSDALE NH
Gage# 01161000

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



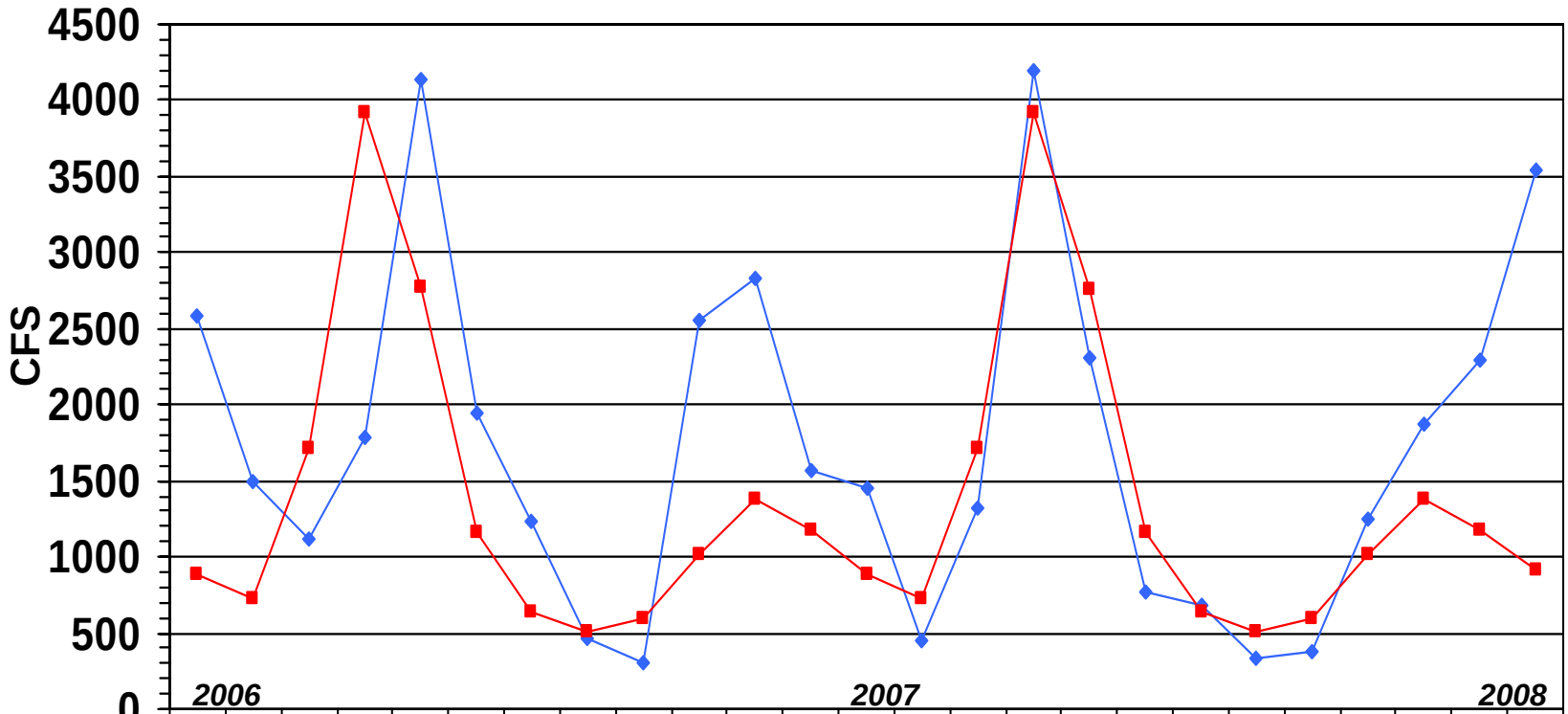
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan
Monthly Mean Flow	2082	1385	642	718	1459	1434	615	262	170	838	1702	833	1220	1404	1025	2393	1142	536	252	96	99	244	471	604	1008
Mean of Monthly Flows	640	618	1226	1876	996	534	283	230	247	383	621	684	646	626	1224	1881	997	534	282	229	245	381	619	684	649
% of Normal	325%	224%	52%	38%	146%	269%	217%	114%	69%	219%	274%	122%	189%	224%	84%	127%	115%	100%	89%	42%	40%	62%	76%	88%	155%

NH DES, Dam Bureau, Source: USGS

Start of record 1907

PEMIGEWASSET RIVER at PLYMOUTH NH
Gage# 01076500

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan
Monthly Mean Flow	2578	1500	1118	1789	4130	1941	1235	471	311	2550	2833	1569	1452	451	1318	4191	2308	773	687	340	381	1251	1871	2298	3542
Mean of Monthly Flows	886	733	1712	3920	2767	1167	643	514	600	1017	1372	1171	892	730	1709	3923	2762	1163	643	512	598	1019	1377	1181	917
% of Normal	291%	205%	65%	46%	149%	166%	192%	92%	52%	251%	206%	137%	163%	62%	77%	107%	84%	66%	107%	66%	64%	123%	136%	195%	386%

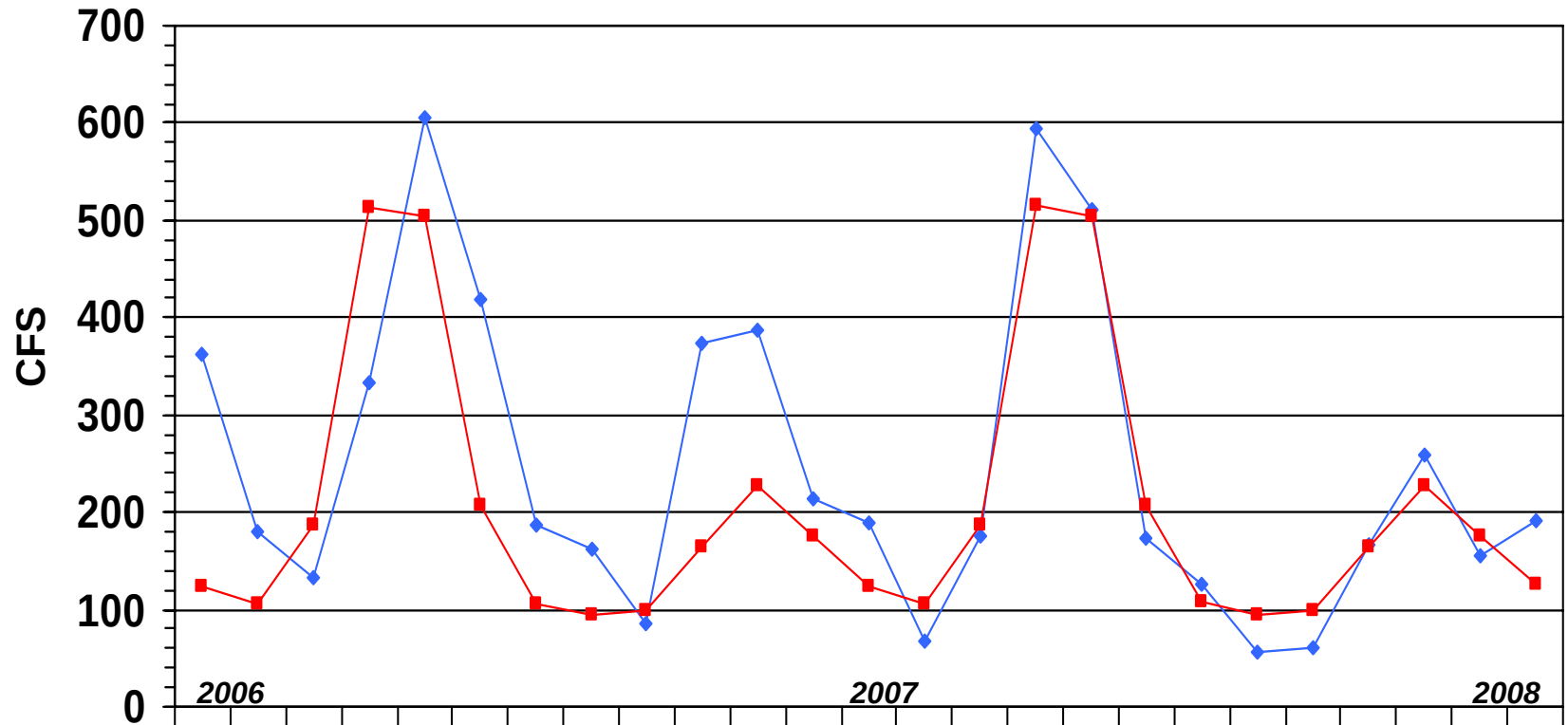
NH DES, Dam Bureau, Source: USGS

Start of record 1903

AMMONOOSUC RIVER at BETHLEHEM JUNCTION NH
Gage# 01137500

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

This station replaces gage# 01137000 which was discontinued by DES at the end of Sept 2004



	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan
Monthly Mean Flow	363	180	133	334	605	418	186	161	85	373	388	214	189	67	176	595	510	173	125	56	60	166	258	155	192
Mean of Monthly Flows	123	106	187	514	504	207	106	94	100	165	227	176	124	105	187	515	504	207	107	94	99	165	228	175	125
% of Normal	295%	170%	71%	65%	120%	202%	175%	171%	85%	227%	171%	122%	152%	65%	94%	115%	101%	84%	117%	59%	61%	101%	113%	89%	154%

NH DES, Dam Bureau, Source: USGS

Start of record 1939

STREAMFLOW DATA FOR SELECTED NH STATIONS AS OF FEBRUARY 12, 2008

Station number	Station name	Est. Mean Flow (cfs)	Long Term Median Flow	99% Flow (cfs)	7Q10 Flow (cfs)	Lowest Period of Record Daily Flow (cfs)	% of Median	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
Androscoggin River Basin										
01052500	Diamond River near Wentworth Location, NH	Ice	82	22	16	6.8	#REF!	#REF!	#REF!	#REF!
01053500	Androscoggin River at Errol, NH	2,650	1,830	500	451	0	#REF!	#REF!	#REF!	#REF!
01054000	Androscoggin River near Gorham, NH	1,960	2,110	1300	1310	795	#REF!	#REF!	#REF!	#REF!
Saco River Basin										
01064500	Saco River near Conway, NH	Ice	330	105	97	66	#REF!	#REF!	#REF!	#REF!
01064801	BEARCAMP RIVER AT SOUTH TAMWORTH, NH	Ice	61	6	4.8	4.5	#REF!	#REF!	#REF!	#REF!
Piscataqua River Basin										
01072800	COCHECO RIVER NEAR ROCHESTER, NH	218	79	--	--	2.2	#REF!	#REF!	#REF!	#REF!
01073500	LAMPREY RIVER NEAR NEWMARKET, NH	809	200	7	5	--	#REF!	#REF!	#REF!	#REF!
Merrimack River Basin										
01074520	EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH	256	105		49	46	244%	FALSE	FALSE	FALSE
01075000	PEMIGEWASSET RIVER AT WOODSTOCK, NH	Ice	158		56	--	#VALUE!	#VALUE!	#VALUE!	
01076000	BAKER RIVER NEAR RUMNEY, NH	Ice	89		15	--	#VALUE!	#VALUE!	#VALUE!	
01076500	PEMIGEWASSET RIVER AT PLYMOUTH, NH	Ice	460		118	45	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01078000	SMITH RIVER NEAR BRISTOL, NH	Ice	60		6.2	2.7	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01081000	WINNIPESAUKEE RIVER AT TILTON, NH	1,440	975		136	48	148%	FALSE	FALSE	FALSE
01081500	MERRIMACK RIVER AT FRANKLIN JUNCTION, NH	2,980	1,750		551	--	170%		FALSE	
01082000	CONTOOCOOK RIVER AT PETERBOROUGH, NH	Ice	90		6.3	--	#VALUE!	#VALUE!	#VALUE!	
01085000	CONTOOCOOK RIVER NEAR HENNIKER, NH	1,190	---		37	--		FALSE	FALSE	
01085500	CONTOOCOOK R BL HOPKINTON DAM AT W HOPKINTON, NH	1,350	390		39	--	346%	FALSE	FALSE	
01086000	WARNER RIVER AT DAVISVILLE, NH	318	135		5.3	--	236%	FALSE	FALSE	
01087000	BLACKWATER RIVER NEAR WEBSTER, NH	252	---		13.7	--		FALSE	FALSE	
01090800	PISCATAQUOG RIVER BL EVERETT DAM, NR E WEARE, NH	248	---		1.2	--		FALSE	FALSE	
01091500	PISCATAQUOG RIVER NEAR GOFFSTOWN, NH	480	---		8.8	--		FALSE	FALSE	
01092000	MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH	6,060	3,620		644	98*	167%		FALSE	
01094000	SOUHEGAN RIVER AT MERRIMACK, NH	810	164		12.9	--	494%	FALSE	FALSE	
Connecticut River Basin										
01129200	CONNECTICUT R BELOW INDIAN STREAM NR PITTSBURG, NH	732	795		42	30	92%	FALSE	FALSE	FALSE
01129500	CONNECTICUT RIVER AT NORTH STRATFORD, NH	Ice	1,100		176	108	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01131500	CONNECTICUT RIVER NEAR DALTON, NH	Ice	1,600		389	115	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01137500	AMMONOOSUC RIVER AT BETHLEHEM JUNCTION, NH	Ice	66		28	21	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01138500	CONNECTICUT RIVER AT WELLS RIVER, VT	5,050	3,320		690	152*	152%		FALSE	
01144500	CONNECTICUT RIVER AT WEST LEBANON, NH	9,950	4,050	380*	902	82*	246%		FALSE	
01152500	SUGAR RIVER AT WEST CLAREMONT, NH	Ice	204	40	38	14	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01154500	CONNECTICUT RIVER AT NORTH WALPOLE, NH	7,710	5,790	260*	1058	115*	133%		FALSE	
01158000	ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH	327	87	4.5	2.7	0.4	376%	FALSE	FALSE	FALSE
01158600	OTTER BROOK BELOW OTTER BROOK DAM, NEAR KEENE, NH	68	40	1.6	1.1	0.3	170%	FALSE	FALSE	FALSE
01160350	ASHUELOT RIVER AT WEST SWANZEY, NH	2,130	290	32	--	--	734%	FALSE		

*Flow duration and record low mean daily flow significantly affected by reservoir operations

**Estimated

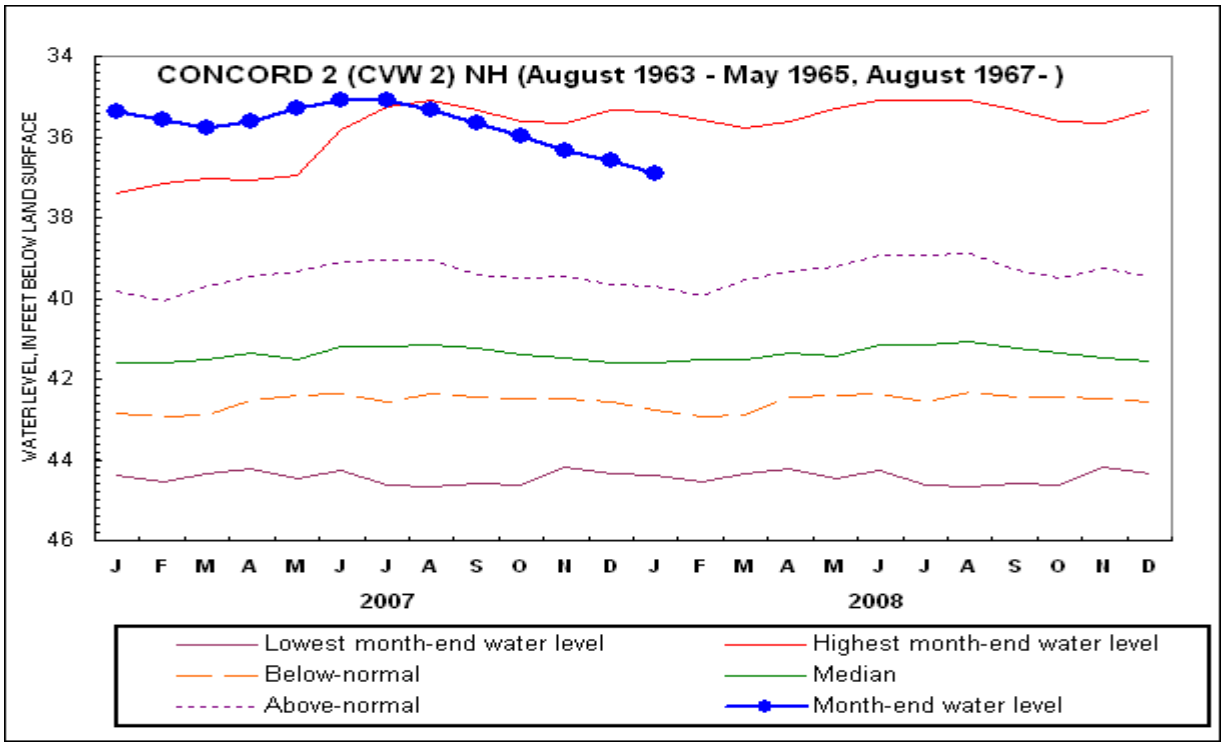
Source: USGS, NH DES

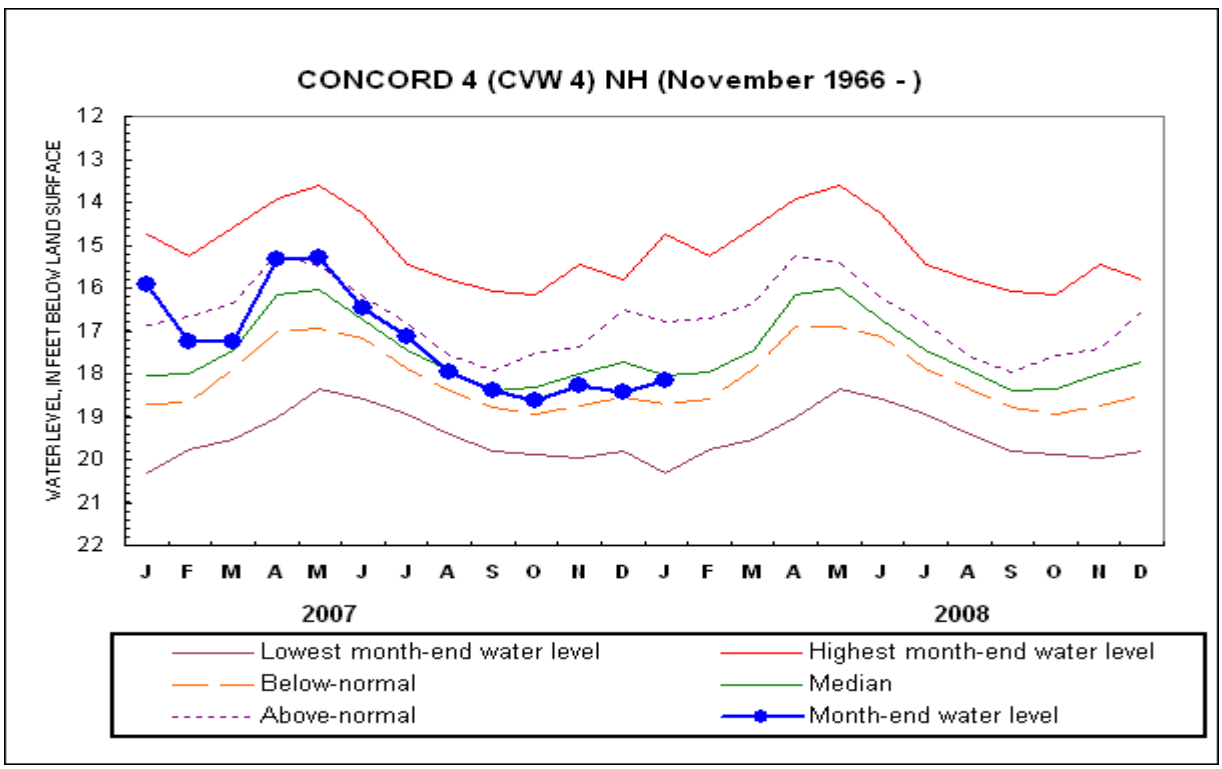
SUMMARY	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
FALSE =	13	17	5
TRUE =	0	0	0

New Hampshire Groundwater Levels for January 2008

WELL	START OF RECORD	WATER LEVEL BELOW SURFACE DATUM (ft)	NET CHANGE IN ONE MONTH (ft)	NET CHANGE IN ONE YEAR (ft)	MEDIAN	RANGE (ft)	DEPARTURE FROM MONTHLY MEDIAN (FT)	PERCENT OF RANGE	STATUS
ALBANY 14	1995	6.11	+0.14	-0.28	6.06	1.42	-0.05	-3.5	NORMAL
ALBANY 15	1995	8.24	-0.14	-0.30	8.05	1.20	-0.19	-15.8	NORMAL
BARNSTEAD 10	1995	2.36	+0.05	+0.32	2.67	0.31	+0.31	100.0	ABOVE NORMAL
CAMPTON 34	1988	12.71	-0.01	-0.31	12.40	1.48	-0.31	-20.9	NORMAL
COLEBROOK 73	1995	6.72	-0.09	-0.13	6.91	3.09	+0.19	6.1	NORMAL
CONCORD 2	1963	36.91	-0.31	-1.52	41.59	6.20	+4.68	75.5	ABOVE NORMAL
CONCORD 4	1966	18.14	+0.31	-2.23	18.02	2.28	-0.12	-5.3	NORMAL
DEERFIELD 46	1984	39.27	+0.13	-1.40	38.89	0.87	-0.38	-43.7	BELOW NORMAL
ENFIELD 30	1990	4.33	+1.06	-1.56	6.23	4.43	+1.90	42.9	NORMAL
ERROL 1	1966	13.6	+0.0	+0.5	13.1	1.7	-0.5	-28.6	NORMAL
FRANKLIN 1	1966	13.21	+0.14	-3.86	13.26	5.30	+0.05	0.9	NORMAL
GREENFIELD 75	1995	62.21	-0.42	-1.91	62.58	3.36	+0.37	11.0	ABOVE NORMAL
HOOKSETT 5	1965	48.29	+0.97	-0.77	47.82	4.14	-0.47	-11.4	NORMAL
KEENE 2	1963	3.25	-0.53	+0.32	3.50	1.75	+0.25	14.3	NORMAL
LANCASTER 1	1966	1.70	-0.40	+0.00	1.52	0.50	-0.18	-36.0	NORMAL
LEE 1	1953	30.51	+0.73	-0.03	31.15	1.81	+0.64	35.4	ABOVE NORMAL
LISBON 19	1990	12.55	-1.09	+0.10	12.60	2.48	+0.05	2.0	NORMAL
NASHUA 218	1964	27.77	+0.48	-0.98	28.26	1.95	+0.49	25.1	ABOVE NORMAL
NEW DURHAM 53	1986	18.93	+0.33	-0.17	18.84	1.27	-0.09	-7.1	NORMAL
NEW LONDON 1	1947	6.55	+2.33	+1.21	8.98	4.88	+2.43	49.8	ABOVE NORMAL
NEWPORT 3	1995	5.96	+0.27	-0.48	5.44	1.84	-0.52	-28.3	NORMAL
NEWPORT 6	1995	6.06	+0.28	-0.47	5.41	1.95	-0.65	-33.3	NORMAL
OSSIPEE 38	1995	35.62	+0.11	-1.28	35.85	2.22	+0.23	10.4	NORMAL
SHELBURNE 2	1995	5.16	+0.09	-0.67	4.70	0.41	-0.46	-112.2	BELOW NORMAL
	1965	30.84	+0.34	-1.65	30.65	2.51	-0.19	-7.6	NORMAL

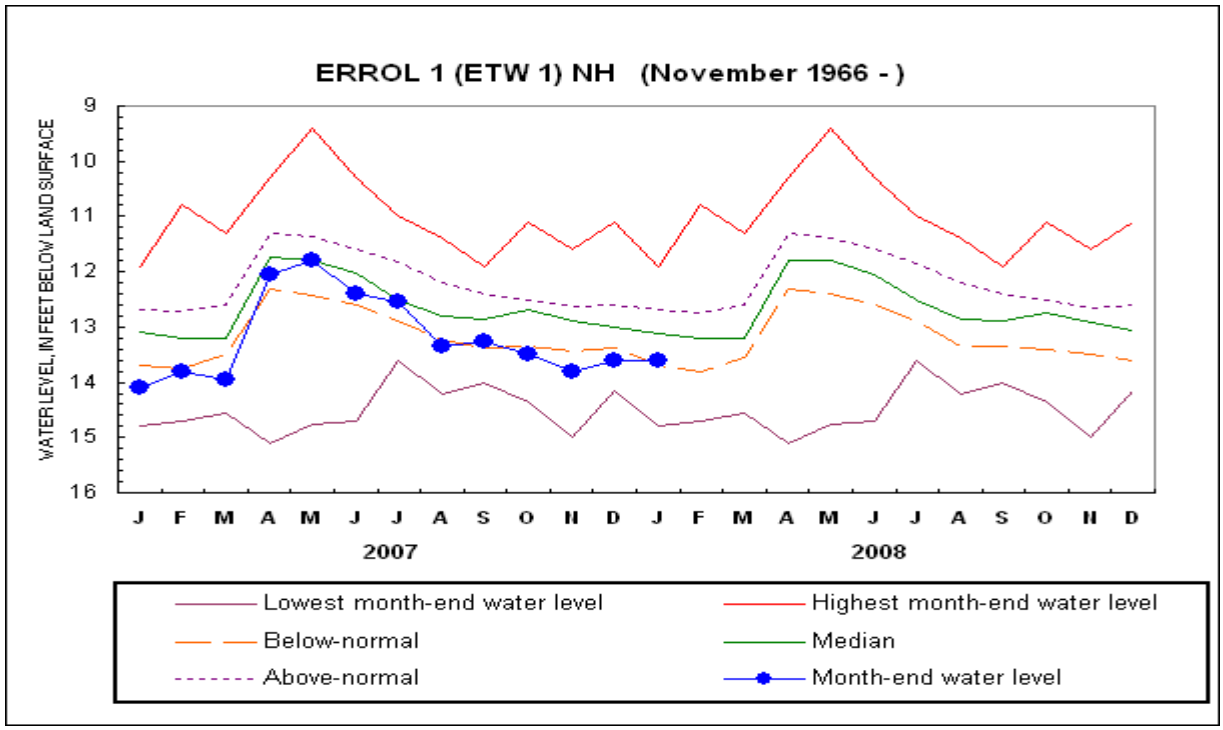
Source: USGS, NH DES

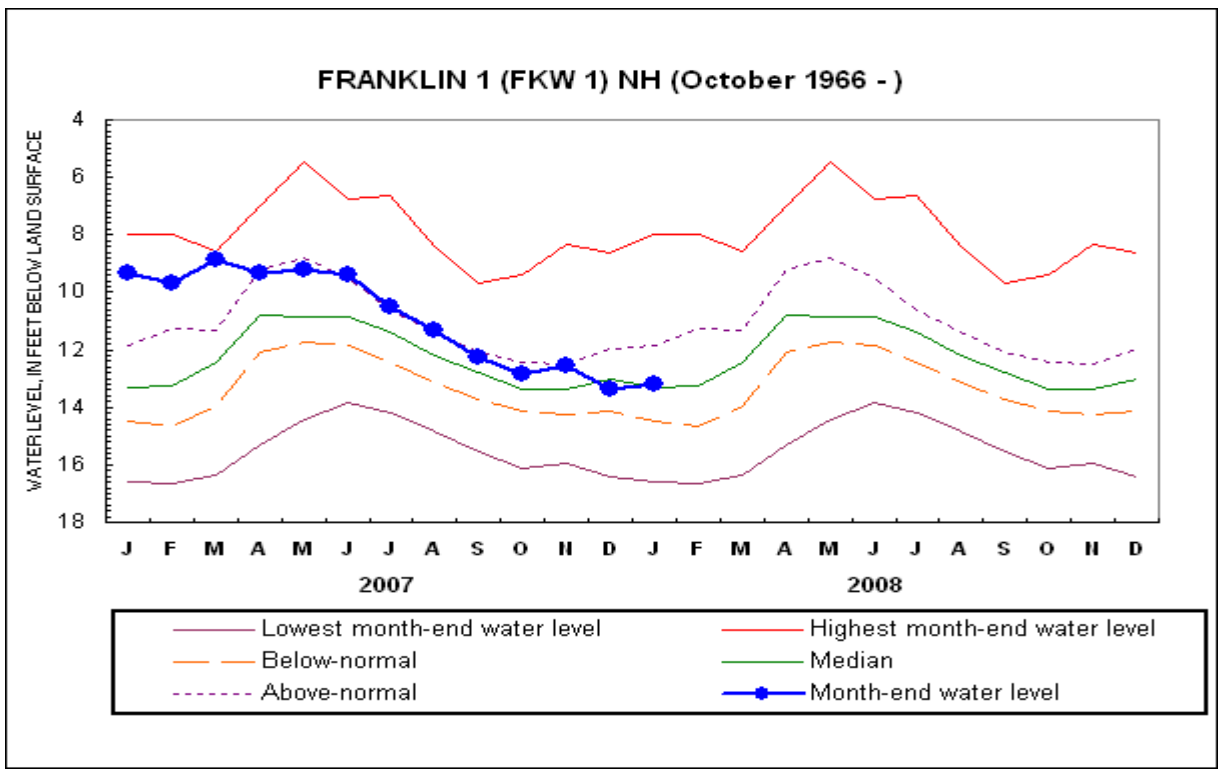




Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

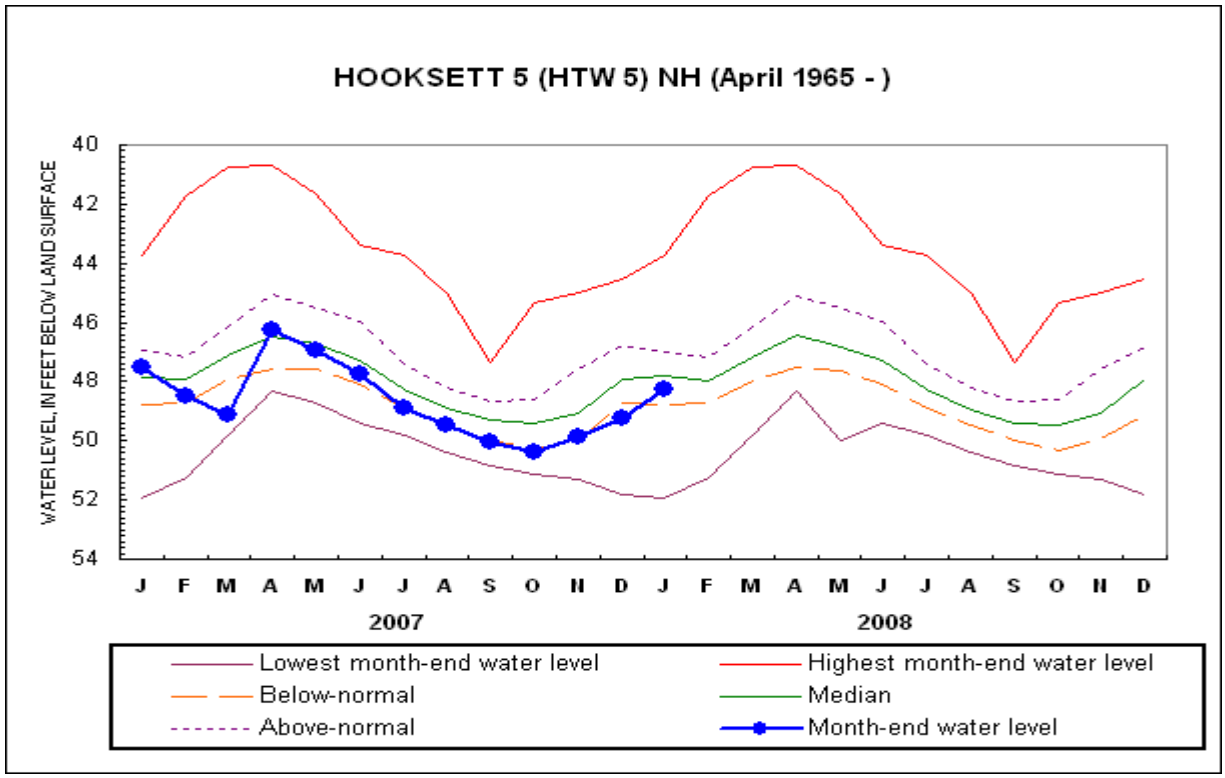
Source: USGS, NH DES, Dam Bureau,

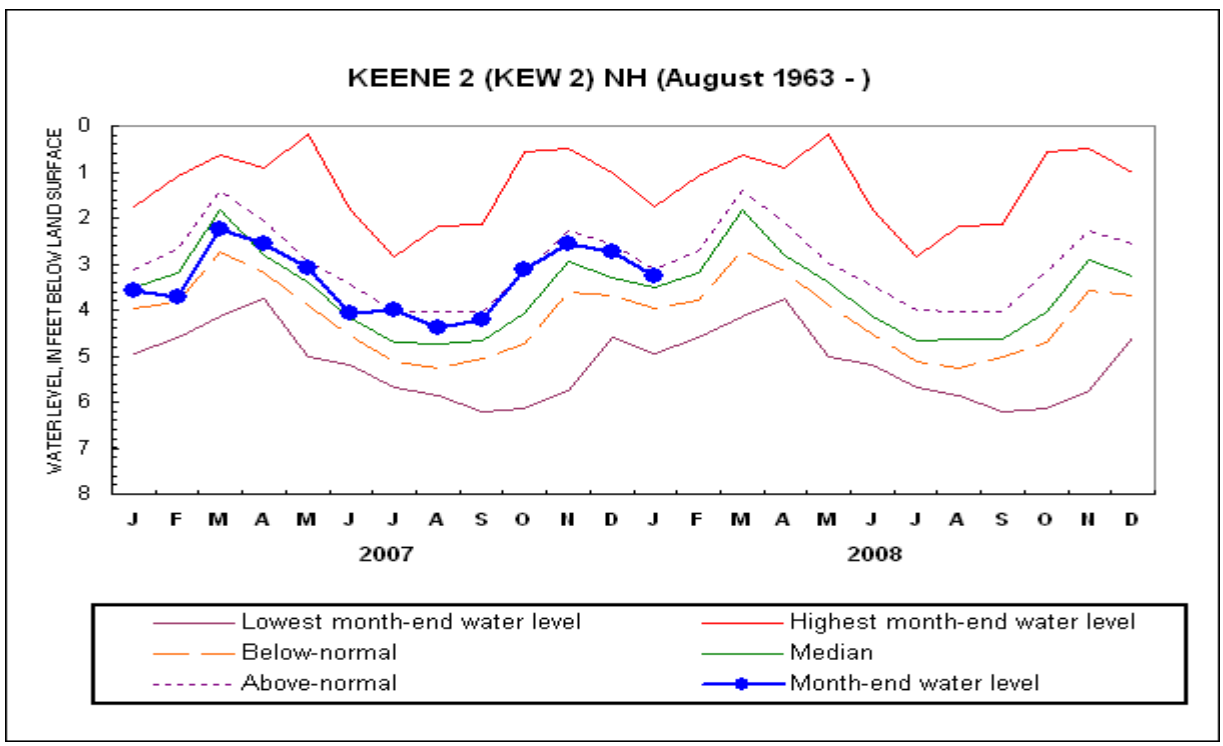




Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

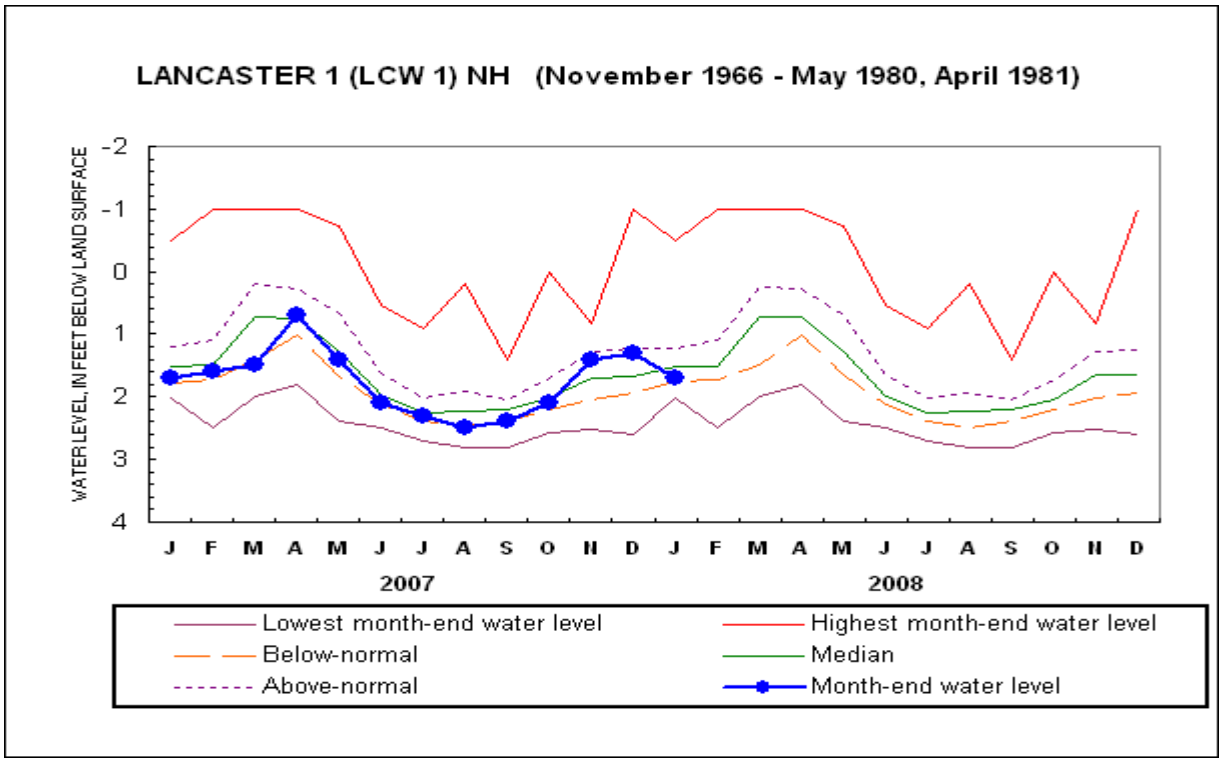
Source: USGS, NH DES, Dam Bureau,

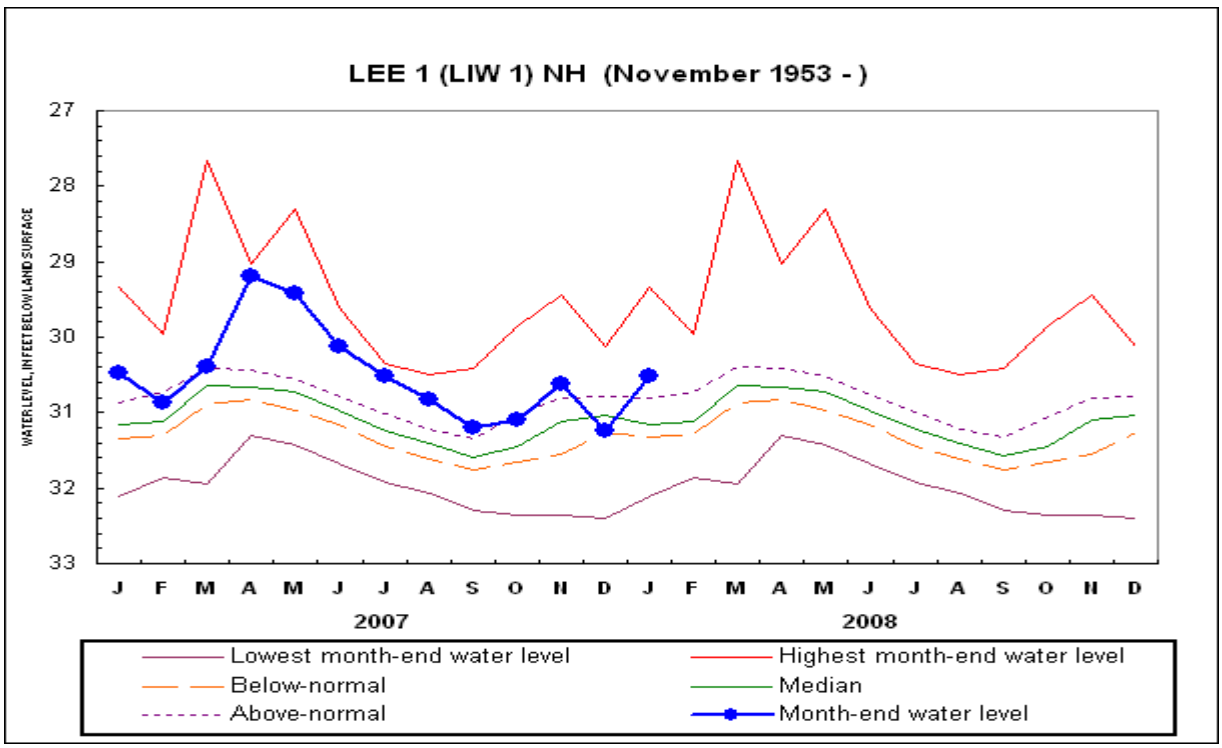




Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

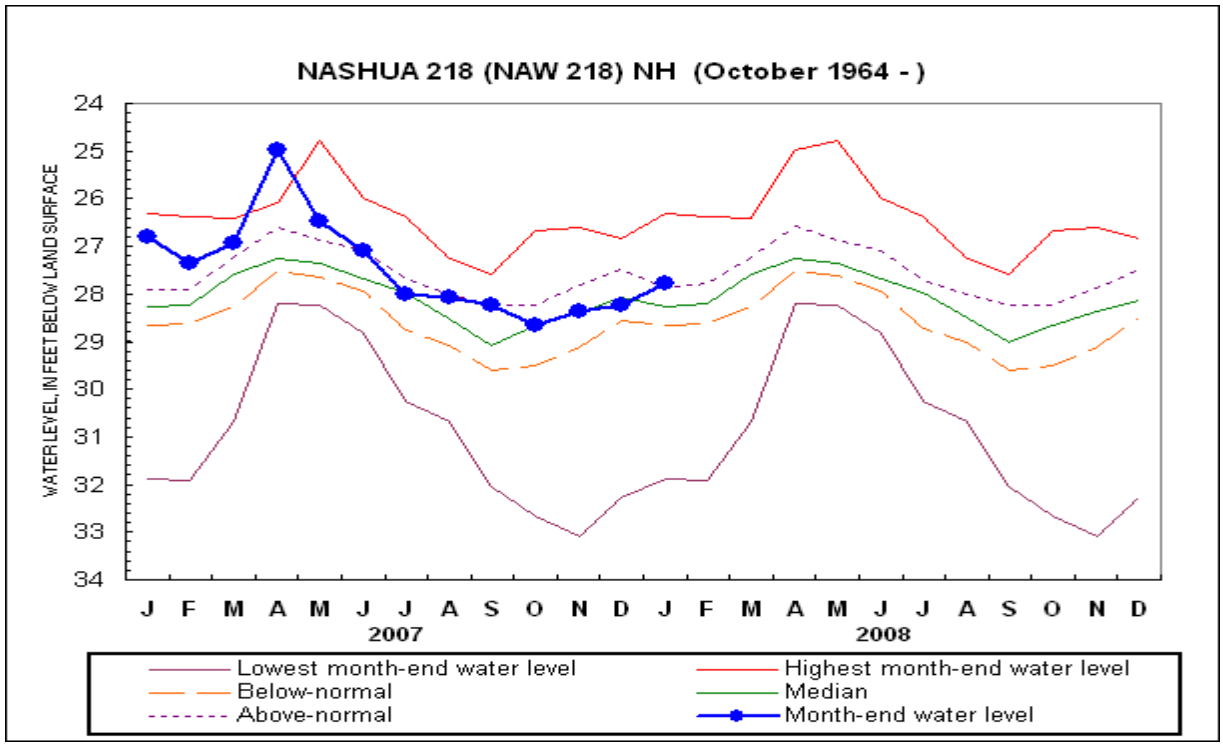
Source: USGS, NH DES, Dam Bureau,

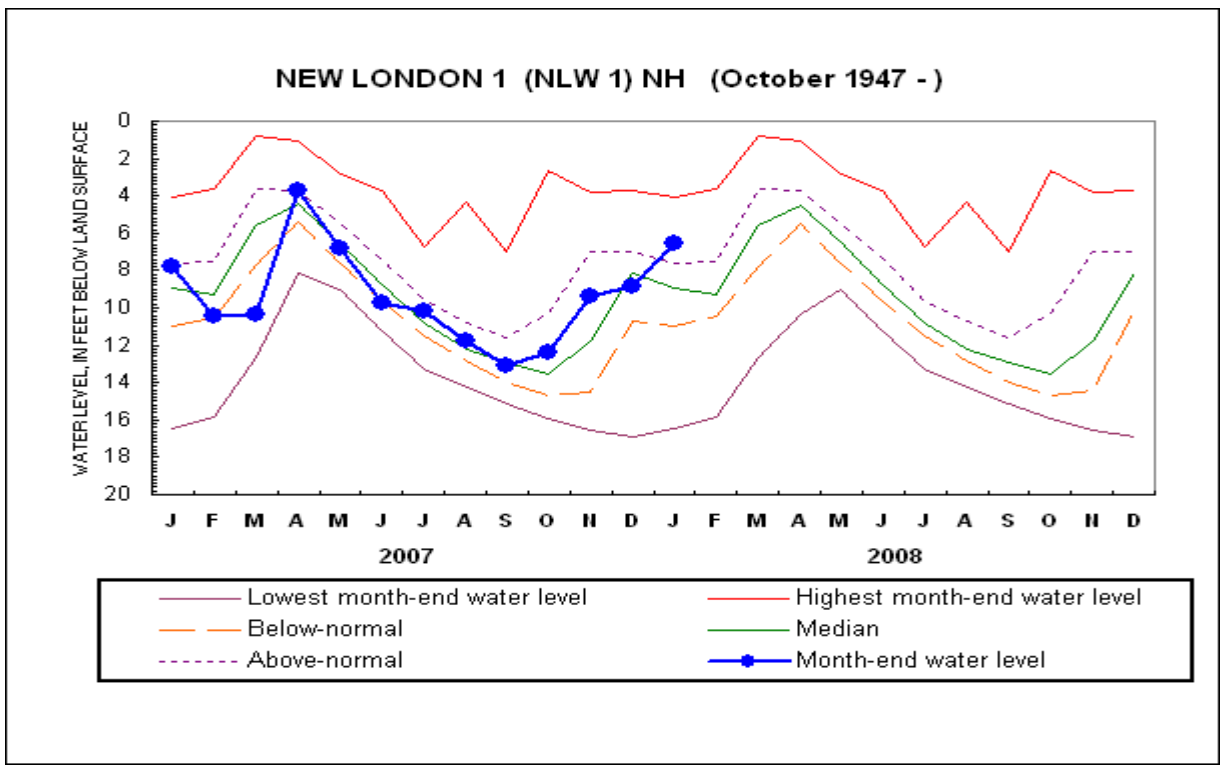




Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

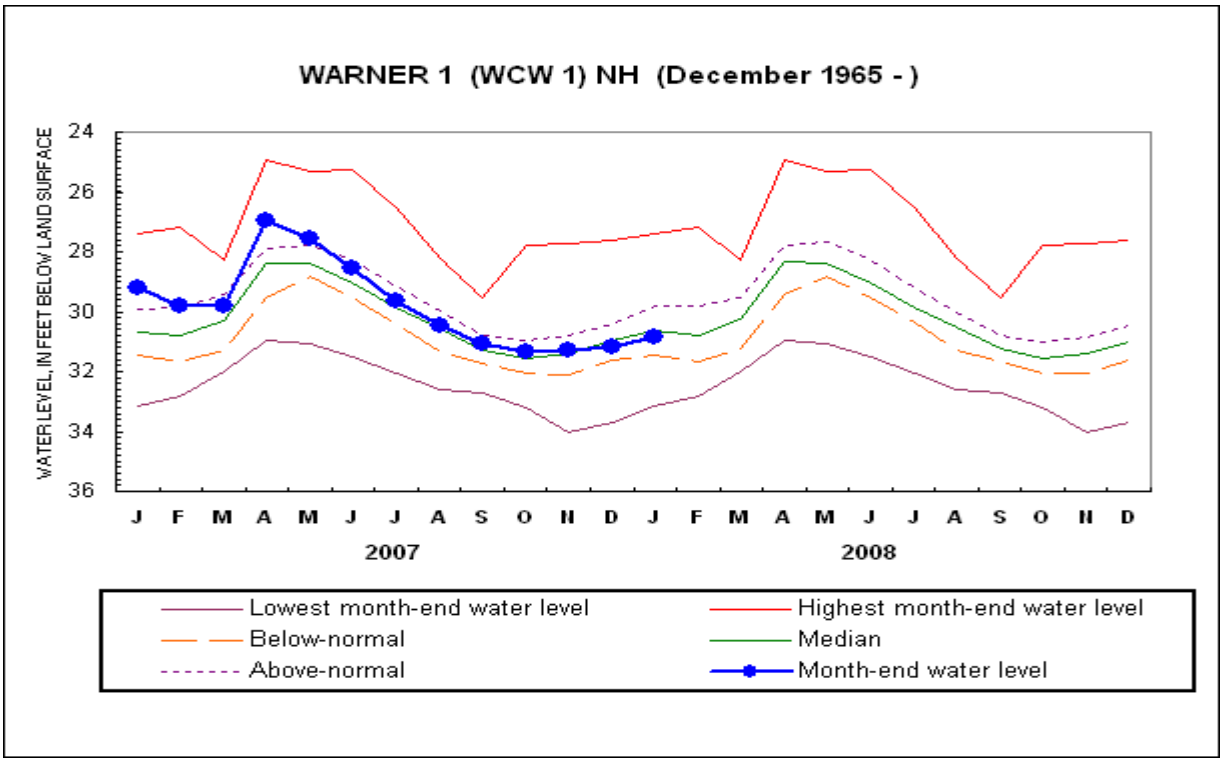
Source: USGS, NH DES, Dam Bureau,





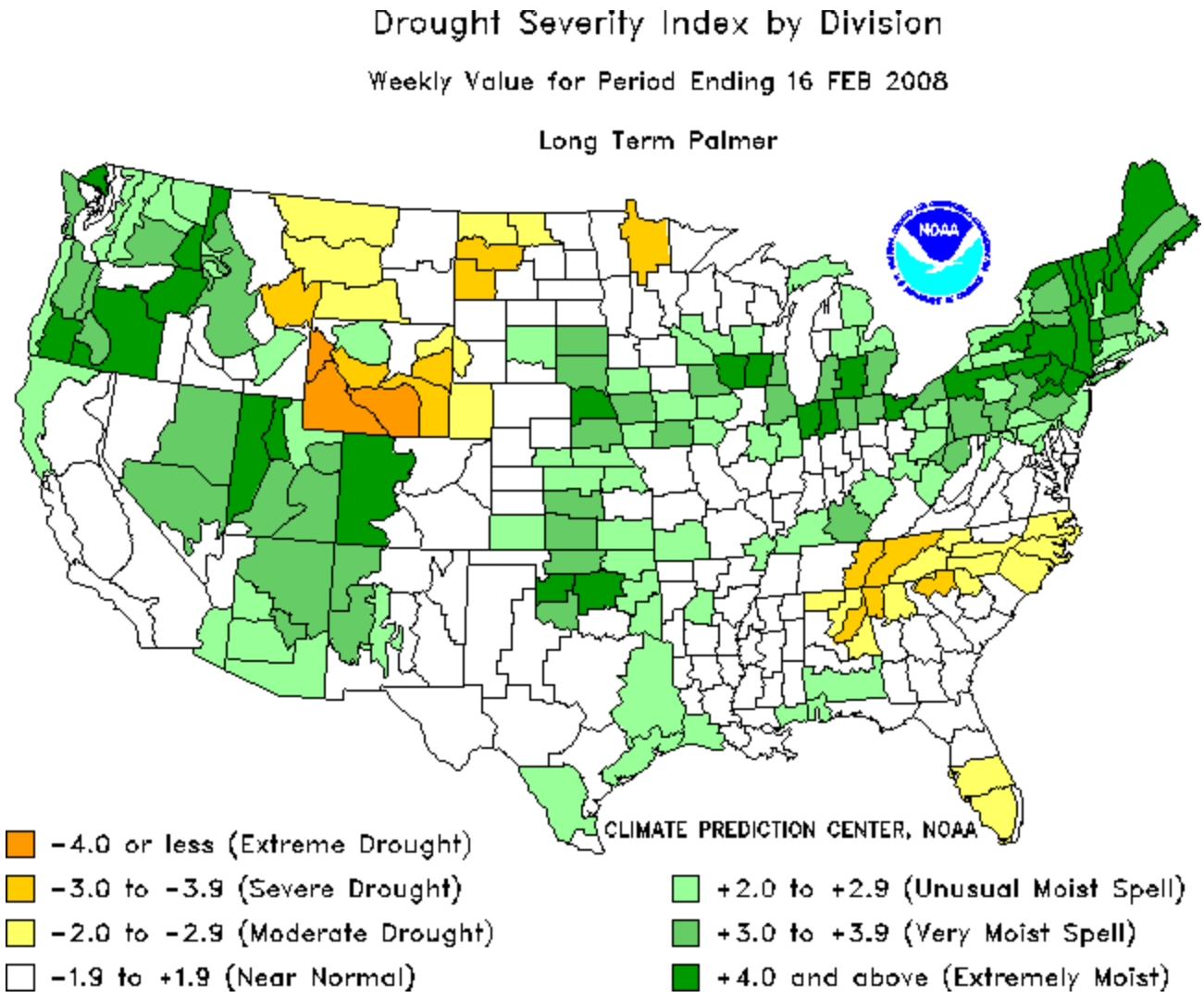
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



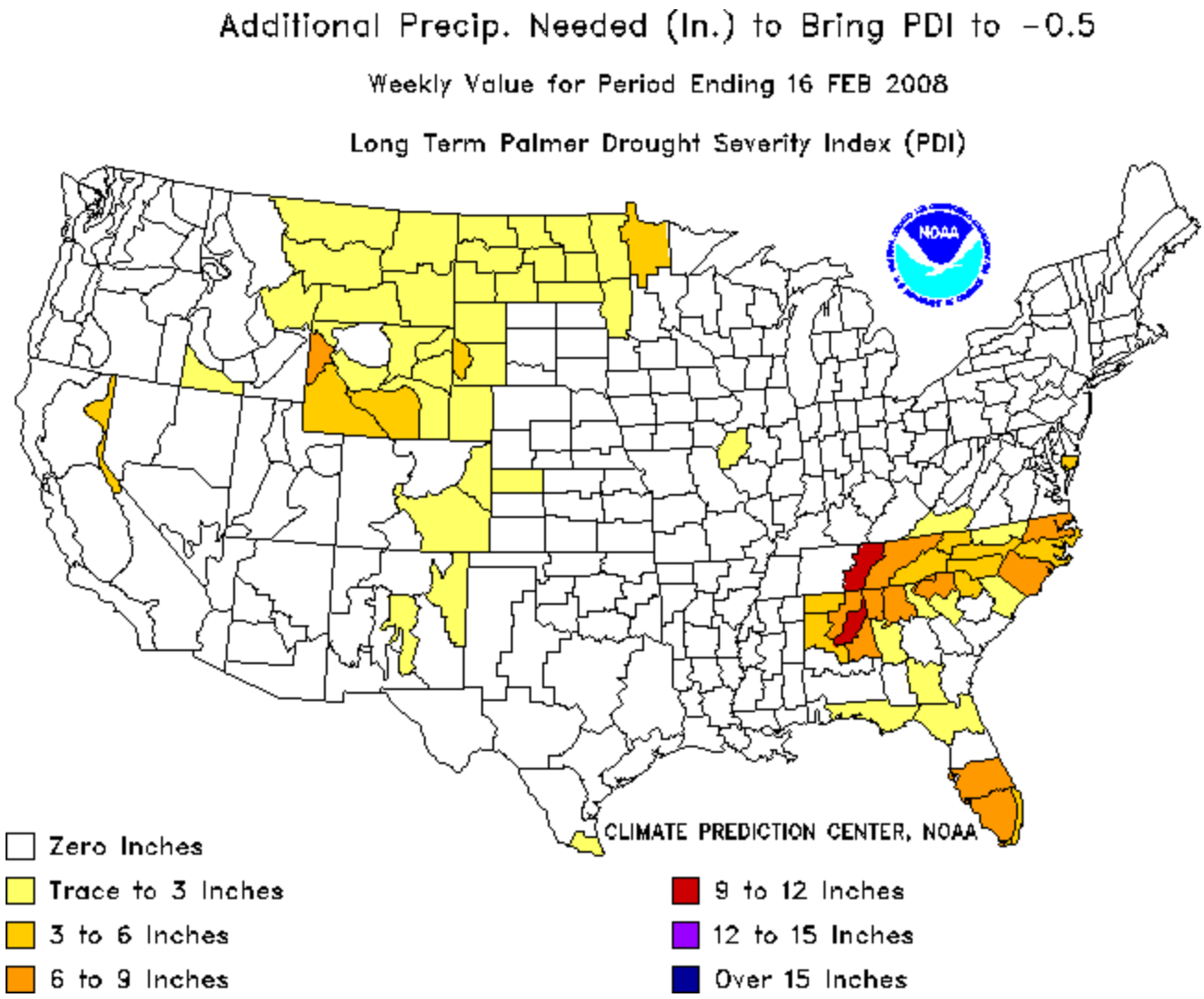
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



THE PALMER DROUGHT SEVERITY INDEX

The Palmer Index uses temperature and rainfall information in a formula to determine dryness. The advantage of the Palmer Index is that it is standardized to local climate.



This is the amount of rainfall required in a week's time to bring the index back to zero inches required.